

Amendments to the Claims:

Please amend claims 63, 4, 6-12, 15, 16, 17, 19-25, 27-29, 31-35, and 37-42, add new claims 63 and 64, and delete claims 1, 2, 13, 14, 26, 36, 51-53, and 56-62, all without prejudice and as indicated below. This listing of the claims will replace all prior versions, and listings, of claims in the application:

Listing of the Claims:

(Claims 1 and 2: Cancelled)

3.(Currently Amended) An The add-on card of claim 2 for detachably coupling to a processing system comprising:

an interface for communicating with said processing system while said add-on card is coupled with said processing system;

a program storage memory storing at least one operating sequence;

a mass storage memory including a program memory portion storing at least one additional operating sequence;

a processing unit coupled to said interface, said program storage memory, and said mass storage memory, whereby the processing unit can operate on data transferred between the card and the processing system through the interface according to said at least one additional operating sequence;

a card bus whereby the processing unit, the interface and the program storage memory are connected; and

a mass storage interface by which the mass storage memory is connected to the card bus, wherein the mass storage interface is a non-linear interface.

4.(Currently Amended) The add-on card of claim 1-3, wherein the data transferred between the card and the processing system is continuous media.

5.(Previously Presented) The add-on card of claim 4 further comprising:

a data cache memory connected to the processor and the mass storage memory for buffering the continuous media transferred between the card and the processing system.

6.(Currently Amended) The add-on card of claim ~~1~~3, wherein said at least one additional operating sequence includes a decompression program.

7.(Currently Amended) The add-on card of claim ~~1~~3, wherein said at least one additional operating sequence includes a compression program.

8.(Currently Amended) The add-on card of claim ~~1~~3, wherein at least one additional operating sequence includes a data encryption/decryption routine.

9.(Currently Amended) The add-on card of claim ~~1~~3, wherein at least one additional operating sequence includes a voice recognition routine.

10.(Currently Amended) The add-on card of claim ~~1~~3, wherein the mass storage memory is a FLASH memory.

11.(Currently Amended) The add-on card of claim ~~1~~3, wherein the mass storage memory further includes a portion storing system data, whereby the ~~processor~~ processing unit can operate on data transferred between the card and the processing system ~~through the~~ using the system data.

12.(Currently Amended) The add-on card of claim ~~1~~3, wherein the mass storage further includes a portion for storing user data.

(Claims 13 and 14: Cancelled)

15.(Currently Amended) ~~An~~ The add-on card of claim ~~14~~ for detachably coupling to

a processing system comprising:

an interface for communicating with said processing system while said add-on card is coupled with said processing system;

a program storage memory storing an operating sequence;

a processing unit coupled to said interface and said program storage memory;

a mass storage memory coupled to said processing unit, whereby the processing unit can operate on data transferred between the interface and the mass storage memory according to said operating sequence;

a card bus whereby the processing unit, the interface and the program storage memory are connected; and

a mass storage interface by which the mass storage memory is connected to the card bus, wherein the mass storage interface is a non-linear interface.

16.(Currently Amended) The add-on card of claim ~~13~~15, wherein the mass storage memory includes a program memory portion storing at least one additional operating sequence.

17.(Currently Amended) The add-on card of claim ~~13~~15 wherein the data transferred between the interface and the mass storage memory is continuous media.

18.(Previously Presented) The add-on card of claim 17, further comprising:
a data cache memory connected to the processor and the mass storage memory for buffering the data transferred between the interface and the mass storage memory, wherein the data transferred is stored non-linearly.

19.(Currently Amended) The add-on card of claim 17, wherein at least a portion of the mass storage memory contains ~~prerecorded~~ continuous media prerecorded by the card supplier.

20.(Currently Amended) The add-on card of claim 17, wherein said ~~at least one~~ operating sequence ~~includes~~is a decompression program.

21.(Currently Amended) The add-on card of claim 17, wherein said ~~at least one~~ operating sequence ~~includes~~ is a compression program.

22.(Currently Amended) The add-on card of claim claim ~~13-15~~, wherein the data transferred between the interface and the mass storage memory is a navigation data base.

23.(Currently Amended) The add-on card of claim claim ~~13-15~~, wherein said ~~at least one~~ operating sequence ~~includes~~ is a data encryption/decryption routine.

24.(Currently Amended) The add-on card of claim claim ~~13-15~~, wherein said ~~at least one~~ operating sequence ~~includes~~ is a voice recognition routine.

25.(Currently Amended) The add-on card of claim claim ~~13-15~~, wherein the mass storage memory is a FLASH memory.

(Claim 26: Cancelled)

27.(Currently Amended) The method of claim ~~26-33~~, wherein said processing is performed according to an application which the host lacks.

28.(Currently Amended) The method of claim ~~26-33~~, wherein the data stored in the mass storage memory is recorded prior to said causing the add-on card to be attached to the host system.

29.(Currently Amended) The method of claim ~~26-33~~, wherein the data stored in the mass storage memory is continuous media.

30.(Previously Presented) The method of claim 29, wherein the data stored in the mass storage memory is stored in compressed form, and wherein said processing is decompressing.

31.(Currently Amended) The method of claim ~~26~~33, wherein the data stored in the mass storage memory is a navigation data base.

32.(Currently Amended) The method of claim ~~26~~33, wherein the data stored in the mass storage memory is stored in encrypted form, and wherein said processing is decrypting.

33.(Currently Amended) A The method of ~~claim 26~~ operating a host system to which an add-on card can be detachably coupled, comprising:

providing an add-on card with a processing unit and a non-volatile mass storage memory, wherein a plurality of applications are stored on the add-on card, with one or more of said applications stored in the non-volatile mass storage memory, the method further comprising;

causing the add-on card to be attached to the host system;

causing the selection of an application from the plurality of applications;

processing data stored in the mass storage memory with the processing unit, wherein said processing is performed according to the selected application; and

supplying the processed data to host.

34.(Currently Amended) The method of claim ~~26~~33, further comprising:

downloading an application from the host to the add-on card subsequent to said causing the add-on card to be attached to the host system, wherein said processing is performed according to the downloaded application.

35.(Currently Amended) The method of claim ~~26~~33, further comprising subsequent to causing the add-on card to be attached to the host system and prior to processing data stored in the mass storage memory with the processing unit:

providing data from the host to the add-on card;

processing the data provided from the host with the processing unit; and

storing in the mass storage memory the data from the host processed with the

processing unit.

(Claim 36: Cancelled)

37.(Currently Amended) The method of claim ~~36-41~~, wherein said processing is performed according to an application which the host lacks.

38.(Currently Amended) The method of claim ~~36-41~~, wherein the data stored in the mass storage memory is continuous media.

39.(Currently Amended) The method of claim 38, wherein the data stored in the mass storage memory is stored in compressed form, and wherein said processing is ~~compressing~~ decompressing.

40.(Currently Amended) The method of claim ~~36-41~~, wherein the data stored in the mass storage memory is stored in encrypted form, and wherein said processing is ~~encrypting~~ decrypting.

41.(Currently Amended) ~~The method of claim 36~~ operating a host system to which an add-on card can be detachably coupled, comprising:

providing an add-on card with a processing unit and a non-volatile mass storage memory, wherein a plurality of applications are stored on the add-on card, with one or more of said applications stored in the non-volatile mass storage memory, the method further comprising;

causing the add-on card to be attached to the host system;

causing the selection of an application from the plurality of applications;

supplying data from the host to the add-on card;

processing data supplied from the host with the processing unit, wherein said processing is performed according to the selected application; and

storing the processed data in the mass storage memory.

42.(Currently Amended) The method of claim ~~36~~41, further comprising:

downloading an application from the host to the add-on card subsequent to said causing the add-on card to be attached to the host system, wherein said processing is performed according to the downloaded application.

43.(Original) A method of operating a host system to which an add-on card can be detachably coupled, comprising:

providing an add-on card including a processing unit and a non-volatile mass storage memory, wherein the mass storage memory includes a program memory portion in which are stored a plurality of applications;

coupling the add-on card to the host system;

causing one of the applications to be selected;

receiving data from the host on the add-on card;

processing data received from the host with the processing unit according to the selected application; and

supplying the processed data to host.

44.(Original) The method of claim 43, wherein the selected application is an application which the host lacks.

45.(Original) The method of claim 43, wherein the data received from the host is continuous media.

46.(Original) The method of claim 45, wherein the selected application is data decompression.

47.(Original) The method of claim 45, wherein the selected application is data compression.

48.(Original) The method of claim 43, and wherein the selected application is decryption.

49.(Original) The method of claim 43, and wherein the selected application is encryption.

50.(Original) The method of claim 43, and wherein the selected application is voice recognition.

(Claims 51-53: Cancelled)

54.(Original) A method of operating a host processing system to which an add-on card can be detachably coupled, comprising:

providing an add-on card with a processing unit, wherein a plurality of applications are stored in the combined host/card system;

coupling the add-on card to the host system;

causing one of the applications to be selected;

processing data according to the selected application, wherein said processing is performed by the card's processing unit and the host processing system together on an application level.

55.(Original) The method of claim 54, wherein said processing comprises executing a plurality of tasks, and wherein at least one of the tasks is executed by the host processing system and at least one of the tasks is allocated by the host to be executed by the card's processing unit.

(Claims 56-62: Cancelled)

63.(New) The method of claim 33, wherein the non-volatile mass storage memory accessed through a non-linear interface.

64.(New) The method of claim 41, wherein the non-volatile mass storage memory accessed through a non-linear interface.